

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

Re application of

**Peter WAKIM** 

Confirmation No. 2075

Serial No. 10/552,290

**Examiner: Christopher WYLLIE** 

Filed: October 3, 2005

Group Art Unit: 2465

For:

NETWORK SERVING DEVICE, PORTABLE ELECTRONIC DEVICE,

SYSTEM AND METHODS FOR MEDIATING NETWORKED SERVICES

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## BRIEF FOR APPELLANT (37 C.F.R. § 41.37)

Sir:

This brief is in furtherance of the Notice of Appeal filed in this case on April 29, 2011, and is an appeal from the final Office Action mailed February 1, 2011.

#### CERTIFICATE OF MAILING

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## I. REAL PARTY IN INTEREST (37 C.F.R. § 41.37(c)(1)(i))

The real party in interest in this appeal is Nokia Corporation, a corporation organized under the laws of Finland.

#### II. RELATED APPEALS AND INTERFERENCES (37 C.F.R. § 41.37(c)(1)(ii))

There are no related appeals or interferences.

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## III. STATUS OF CLAIMS (37 C.F.R. § 41.37(c)(1)(iii))

Claims 1, 3-10, 12-18, 20-21 and 23-24 are pending in this application. Claim 1, 3-10, 12-18, 20-21 and 23-24 are rejected, and the rejection of claims 1, 3-10, 12-18, 20-21 and 23-24 is being appealed.

## IV. STATUS OF AMENDMENTS (37 C.F.R. § 41.37(c)(1)(iv))

No amendment to the claims was filed after the final rejection, and therefore all amendments have been entered.

## V. SUMMARY OF CLAIMED SUBJECT MATTER (37 C.F.R. § 41.37(c)(1)(v))

Independent claim 1 is directed to a network serving device for mediating networked services that includes an interface component configured to receive a service request message from a portable electronic terminal, and the service request message includes at least a tag identification sequence associated with a plurality of tag services and a subscriber identification associated with a plurality of subscribed services. See specification page 12, lines 32-35; page 18, line 8-17. The tag identification sequence has been received from a radio frequency identification tag. See specification page 14, lines 35-37. The network serving device further includes a selection component configured to select one or more of the plurality of tag services in accordance with the tag identification sequence and the subscriber identification, and the selection component includes a service retrieving component configured to obtain service information associated with the tag identification sequence. See specification page 18, 25-27. The selection component of the network serving device also includes a subscription retrieving component configured to obtain subscription information associated with the subscriber identification. See specification page 20, lines 4-5. The selection component of the network serving device further includes a checking component configured to compare the service information with the subscription information to select one or more subscribed services

corresponding to one or more of the plurality of tag services associated with the tag identification sequence obtained from the service information. *See* specification page 20, lines 35-37. In addition, the interface component of the network serving device is configured to establish a connection between the portable electronic terminal and at least one tag service provider associated with the one or more selected services for operating the one or more selected services. *See* specification page 22, lines 4-17.

Independent claim 6 is directed to a portable electronic terminal for accessing networked services, that includes a subscriber identification associated with a plurality of subscribed services predefined and provided by a user of the portable electronic terminal. *See* specification page 15, lines 15-17 & 26-28. The portable electronic terminal of claim 6 also includes a radio frequency identification tag reader configured to receive a tag identification sequence from a radio frequency identification tag. *See* specification page 14, lines 35-37. The portable electronic terminal further includes a generating component configured to generate a service request message in accordance with the tag identification sequence and the subscriber identification; wherein the service request message comprises the tag identification sequence and the subscriber identification. *See* specification page 16, lines 7-11. The portable electronic terminal also includes an interface component configured to transmit the service request message to a mediating service provider for establishing a connection to at least one tag service provider for operating one or more of a plurality of tag services associated with the tag identification sequence that correspond to services associated with the plurality of subscribed services in accordance with the subscriber identification. *See* specification page 18, lines 8-11.

Independent claim 9 is directed to a system for mediating networked services that includes at least one portable electronic terminal. The portable electronic terminal of the system of claim 9 includes a subscriber identification associated with a plurality of subscribed services. See specification page 15, lines 15-17 & 26-28. The portable electronic terminal further includes a radio frequency identification tag reader configured to receive a tag identification sequence for a radio frequency identification tag associated with a plurality of tag services. See specification page 14, lines 35-37. The portable electronic terminal also includes a generating component configured to generate a service request message in accordance with the tag identification sequence and the subscriber information; wherein the service request message comprises the tag identification sequence and the subscriber information. See specification page 16, lines 7-11. The portable electronic terminal of the system of claim 9 further includes an interface component configured to transmit the service request message to a mediating service provider for establishing a connection to at least one tag service provider for operating one or more subscribed services that correspond to one or more services associated with the plurality of tag

services. See specification page 18, lines 8-11. The system of claim 9 also includes a network serving device constituting the mediating service provider that includes an interface component configured to receive the service request message from the portable, electronic terminal, wherein the service request message comprises the tag identification sequence and the subscriber information. See specification page 12, lines 32-35; page 18, lines 8-17. The network serving device of the system of claim 9 also includes a selection component configured to select one or more services in accordance with the tag identification sequence and the subscriber information. See specification page 18, lines 25-27. Furthermore, the interface component of the network serving device is configured to establish the connection between the portable electronic terminal and the at least one tag service provider associated with the one or more selected services for operating the one or more selected services. See specification page 22, lines 4-17.

Independent claim 10 is directed to a method for mediating networked services by a mediating service provider and includes receiving a service request message from a portable electronic terminal, and the service request message includes at least a tag identification sequence and a subscriber identification. See specification page 12, lines 32-35; page 18, lines 8-17. The tag identification sequence has been received from a radio frequency identification tag. See specification page 14, lines 35-37. The method also includes selecting one or more services in accordance with the tag identification sequence and the subscriber identification, where the selecting retrieving tag service information about a plurality of tag services associated with the tag identification sequence. See specification page 18, lines 25-27. The selecting of the method also includes retrieving user subscription information about a plurality of subscribed services associated with the subscriber identification. See specification page 20, lines 4-5. The selecting of the method further includes comparing the tag service information with the user subscription information to select one or more of the plurality of subscribed services that correspond to services among the plurality of tag services in the retrieved tag service information. See specification page 20, lines 35-37. The method further includes establishing a connection between the portable electronic terminal and at least one tag service provider associated with the one or more selected services for operating the one or more selected services. See specification page 22, lines 4-17.

Independent claim 15 is directed to a method for accessing networked services by a portable, electronic terminal. The method of claim 15 includes retrieving at least a tag identification sequence from a radio frequency identification tag by a radio frequency identification tag reader connected to the portable, electronic terminal. *See* specification page 14, lines 35-37. The method further includes generating a service request message in accordance with the tag identification sequence and subscriber information, wherein the service request

message comprises the tag identification sequence and the subscriber information. See specification page 16, lines 7-11. The method also includes transmitting the service request message to a mediating service provider in order to establish a connection to at least one tag service provider for operating one or more services in accordance with the tag identification sequence and the subscriber identification wherein the subscriber information is pre-defined by a user of the portable, electronic terminal as including a plurality of subscribed services, wherein the tag identification sequence is associated with a plurality of tag services, and wherein the one or more of the plurality of tag services correspond to one or more of the subscribed services. See specification page 15, lines 15-17 & 26-28

Independent claim 18 is directed to a method for mediating networked services by a mediating service provider to a portable electronic terminal, and includes receiving at least a tag identification sequence from a radio frequency identification tag by a radio frequency identification tag reader connected to the portable electronic terminal. See specification page 15, lines 15-17 & 26-28. The method also includes generating a service request message in accordance with the tag identification sequence and subscriber information. See specification page 16, lines 7-11. The method further includes transmitting the service request message from the portable electronic terminal to a mediating service provider. See specification page 18, lines 8-11. The method also includes receiving the service request message from the portable, electronic terminal by the mediating service provider. See specification page 12, lines 32-35; page 18, lines 8-17. The method also includes selecting one or more services in accordance with the tag identification sequence and the subscriber information wherein the subscriber information is pre-defined by a user of the portable electronic terminal as including a plurality of subscribed services, wherein the tag identification sequence is associated with a plurality of tag services, and wherein the one or more of the plurality of tag services correspond to one or more of the subscribed services. See specification page 18, lines 25-27. The method further includes establishing a connection by the mediating service provider between the portable, electronic terminal and at least one tag service provider associated with the one or more selected services for operating with the one or more selected services. See specification page 22, lines 4-17.

# VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL (37 C.F.R. § 41.37(c)(1)(vi))

Claims 1, 3-6, 8-10, 12-15, 17-18, 20-21 and 24 are rejected under 35 U.S.C. § 103(a) as unpatentable over *Burton* (GB 2375265) in view of *Catan* (U.S. Appl. Publ. No. 2002/0139589).

Claims 7, 16 and 23 are rejected under 35 U.S.C. § 103(a) as unpatentable over *Burton* (GB 2375265) in view of *Catan* (U.S. Appl. Publ. No. 2002/0139589), and in further view of *Schmidtberg et al.* (U.S. Appl. Publ. No. 2004/0145474).

#### VII. ARGUMENT (37 C.F.R. § 41.37(c)(1)(vii))

<u>Rejection under 35 U.S.C. § 103(a) as unpatentable over GB 2375265 and U.S. Appl.</u>
<u>Publ. No. 2002/0139589</u>

#### Claim 1

Appellant respectfully submits that claim 1 is not disclosed or suggested by the cited references, because the cited references fail to disclose or suggest all of the limitations recited in claim 1. The cited references, alone or in combination, at least fail to disclose or suggest a service request message that includes a tag identification sequence associated with a plurality of tag services and a subscriber identification associated with a plurality of subscribed services, a selection component including a service retrieving component configured to obtain service information associated with the tag identification sequence, a subscription retrieving component configured to obtain subscription information with said subscriber identification, and a checking component configured to compare the service information with the subscription information to select one or more subscribed services corresponding to one or more of the plurality of tag services associated with the tag identification sequence. Therefore, as recited in claim 1, a single tag is associated with a plurality of tag services and to gain access to such services, subscription information relating to a plurality of services is provided. The selection component acts performs an intermediary function by retrieving both the subscriber identification information and the tag identification sequence, and then comparing the service information with the subscription information to select the one or more subscribed services corresponding to one or more services associated with the tag identification sequence.

The Office acknowledges on page 4 of the final Office Action of February 1, 2011 that Burton fails to disclose the limitations of claim 1 recited above, and relies upon Catan for this teaching. However, appellant respectfully submits that Catan fails to make up for the deficiencies in the teachings of Burton identified by the Office. Instead, Catan discloses reading RFID data from a tennis shoe, wherein the user can use the RFID data for getting further information about the shoes he might want to purchase in a shop by accessing a network service. See Catan paragraph [0066]. The reader acquires a unique identifier from the MRL device, a unique identifier indicating the owner of the reader, and an address corresponding to the network server, and transmits this data to the network server. See Catan paragraph [0066]. The network

server runs an interaction process that receives these data and identifies the subprocess that corresponds to the received data. The "interaction process may also acquire personal profile information about the user from its own internal database or a subscription to a third party database stored on a further network server." See Catan, paragraph [0066].

However, *Catan* does not disclose or suggest a checking component for comparing said service information with said subscription information to select one or more subscribed services corresponding to one or more services associated with said tag identification sequence obtained from said service information, as recited in claim 1. Instead, *Catan* and *Burton* both disclose only providing access to one service. Although the service of *Catan* might take information from further services into account, *Catan* does not disclose a tag identification sequence or subscription identification associated with a plurality of tag services, nor does it disclose the selection among the plurality of services, so that a user gets direct access to available and appropriate one or more services among a plurality of subscribed services via a single tag. These features of the claimed invention are not disclosed by either reference, nor would it have been obvious to a person of ordinary skill in the art to combine these references to arrive at the claimed invention.

Therefore, because the combination of *Burton* and *Catan* do not disclose each feature of the invention of claim 1, nor does it render the claimed subject matter obvious, it is respectfully submitted that claim 1 is not obvious in view of the cited references and is in allowable form. For at least the reasons discussed above, claim 1 is not disclosed or suggested by the cited references.

#### Claim 3

Claim 3 ultimately depends from independent claim 1, and therefore is not disclosed or suggested by the cited references at least in view of its dependency. In addition, claim 3 recites that the service retrieving component is configured to access a service data storage, where the service data storage includes a plurality of service information that are associated with at least one tag identification sequence for retrieval. However, in contrast to claim 3, *Burton* states that incoming messages received by the receiver (2) include a code that is specific to a particular product or service, and the second processor (7) extracts this code and requests data corresponding to the product or service identified thereby by sending the code to the second data

storage device (6) which is used as a further look-up table. See Burton page 10, lines 13-17. In claim 3, a plurality of service information is associated with at least one tag identification sequence for retrieval, but in Burton the code is specific to a particular product or service. Therefore, Burton fails to disclose or suggest a plurality of service information that is associated with at least one tag identification, since in Burton each code to specific to a particular product or service. For at least this additional reason, claim 3 is not disclosed or suggested by the cited references.

#### Claim 4

Claim 4 ultimately depends from independent claim 1, and therefore is not disclosed or suggested by the cited references at least in view of its dependency. In addition, claim 4 recites that the subscription information includes classification information with relates to at least one class of services. In contrast to claim 4, *Catan* only discloses that a user may make choices in the normal fashion, and the system gradually builds a personal preference database by extracting a model of the user's behavior from the choices, and then uses the model to make predictions about what the user would prefer to watch in the future or draws inferences to classify the user. *See Catan* paragraph [0119]. However, *Catan* is only discussing the classification of users based on the preferences of the user, and makes no mention or suggestion of classes of services, as recited in claim 4. Instead, claim 4 specifically states that the classification information relates to at least one class of services, while *Catan* states that the inferences are drawn in order to classify the user, for example as a baseball enthusiast or an opera lover. These user classifications are not the equivalent of classes of services, as recited in claim 4. Therefore, for at least this additional reason, claim 4 is not disclosed or suggested by the cited references.

#### Claim 5

Claim 5 ultimately depends from independent claim 1, and therefore is not disclosed or suggested by the cited references at least in view of its dependency.

#### Claim 6

Independent claim 6 contains limitations similar to those recited in claim 1, and therefore for at least the reasons discussed above with respect to claim 1, claim 6 is not disclosed or suggested by the cited references.

#### Claim 8

Claim 8 ultimately depends from independent claim 6, and therefore is not disclosed or suggested by the cited references at least in view of its dependency.

#### Claim 9

Independent claim 9 contains limitations similar to those recited in claim 1, and therefore for at least the reasons discussed above with respect to claim 1, claim 9 is not disclosed or suggested by the cited references.

#### Claim 10

Independent claim 10 contains limitations similar to those recited in claim 1, and therefore for at least the reasons discussed above with respect to claim 1, claim 10 is not disclosed or suggested by the cited references.

#### Claims 12, 14 and 20

Claims 12, 14 and 20 ultimately depend from independent claim 10, and therefore are not disclosed or suggested by the cited references at least in view of their dependencies.

#### Claim 13

Claim 13 ultimately depends from independent claim 10, and therefore is not disclosed or suggested by the cited references at least in view of its dependency. In addition, claim 13 recites that the subscription information includes classification information with relates to at least one class of services. In contrast to claim 13, *Catan* only discloses that a user may make choices in the normal fashion, and the system gradually builds a personal preference database by extracting a model of the user's behavior from the choices, and then uses the model to make predictions about what the user would prefer to watch in the future or draws inferences to classify the user. *See Catan* paragraph [0119]. However, *Catan* is only discussing the classification of users based

on the preferences of the user, and makes no mention or suggestion of classes of services, as recited in claim 13. Instead, claim 13 specifically states that the classification information relates to at least one class of services, while *Catan* states that the inferences are drawn in order to classify the user, for example as a baseball enthusiast or an opera lover. These user classifications are not the equivalent of classes of services, as recited in claim 13. Therefore, for at least this additional reason, claim 4 is not disclosed or suggested by the cited references.

#### Claim 15

Independent claim 15 contains limitations similar to those recited in claim 1, and therefore for at least the reasons discussed above with respect to claim 1, claim 15 is not disclosed or suggested by the cited references.

#### Claims 17 and 24

Claims 17 and 24 ultimately depend from independent claim 15, and therefore are not disclosed or suggested by the cited references at least in view of their dependencies.

#### Claim 18

Independent claim 18 contains limitations similar to those recited in claim 1, and therefore for at least the reasons discussed above with respect to claim 1, claim 18 is not disclosed or suggested by the cited references.

## Claim 21

Claim 21 ultimately depends from independent claim 1, and therefore is not disclosed or suggested by the cited references at least in view of its dependency.

Attorney Docket No. 915-006.092 Serial No. 10/552,290

<u>Rejection under 35 U.S.C. § 103(a) as unpatentable over GB 2375265, U.S. Appl. Publ.</u> No. 2002/0139589 and U.S. Appl. Publ. No. 2004/0145474

Claims 7, 16 and 23

Claims 7, 16 and 23 all ultimately depend from an independent claim, and therefore are not disclosed or suggested by the cited references at least in view of their dependencies.

Conclusion

For the reasons discussed above, appellant respectfully submits that the rejections of the final Office Action have been shown to be inapplicable, and respectfully requests that the Board reverse the rejections of pending claims 1, 3-10, 12-18, 20-21 and 23-24. If any additional fee is required for submission of this Appeal Brief, the Commissioner is hereby authorized to charge Deposit Account No. 23-0442.

Respectfully submitted,

Date: 1154 2011

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#### **CLAIMS APPENDIX**

1. Network serving device for mediating networked services, comprising:

an interface component configured to receive a service request message from a portable, electronic terminal, wherein said service request message comprises at least a tag identification sequence associated with a plurality of tag services and a subscriber identification associated with a plurality of subscribed services, wherein said tag identification sequence has been received from a radio frequency identification tag;

a selection component configured to select one or more of said plurality of tag services in accordance with said tag identification sequence and said subscriber identification, wherein said selection component comprises:

a service retrieving component configured to obtain service information associated with said tag identification sequence;

a subscription retrieving component configured to obtain subscription information associated with said subscriber identification; and

a checking component configured to compare said service information with said subscription information to select one or more subscribed services corresponding to one or more of said plurality of tag services associated with said tag identification sequence obtained from said service information, and wherein

said interface component is configured to establish a connection between said portable, electronic terminal and at least one tag service provider associated with said one or more selected services for operating said one or more selected services.

3. Network serving device according to claim 1, wherein:

said service retrieving component is configured to access a service data storage, wherein said service data storage comprises a plurality of service information which are associated with at least one tag identification sequence for retrieval; and said subscription retrieving component is configured to access a subscription data storage, wherein said subscription data storage comprises a plurality of subscription information which is associated with at least one subscriber identification for retrieval.

- 4. Network serving device according to claim 1, wherein said subscription information comprises classification information which relates to at least one class of services.
- 5. Network serving device according to claim 1, wherein said interface component configured to establish a connection relating to said one or more selected services is configured to transmit an initiation request to said at least one tag service provider.
- 6. Portable, electronic terminal for accessing networked services, comprising: a subscriber identification associated with a plurality of subscribed services predefined and provided by a user of said portable electronic terminal;

a radio frequency identification tag reader configured to receive a tag identification sequence from a radio frequency identification tag;

a generating component configured to generate a service request message in accordance with said tag identification sequence and said subscriber identification; wherein said service request message comprises said tag identification sequence and said subscriber identification; and

an interface component configured to transmit said service request message to a mediating service provider for establishing a connection to at least one tag service provider for operating one or more of a plurality of tag services associated with said tag identification sequence that correspond to services associated with said plurality of subscribed services in accordance with said subscriber identification.

- 7. Portable, electronic terminal according to claim 6, wherein said radio frequency identification tag reader is configured to receive at least said tag identification sequence and communication related data, wherein said generating component is configured to generate said service request message in accordance with said communication related data and said interface component is configured to transmit said service request message in accordance with said communication related data.
- 8. Portable, electronic terminal according to claim 6, wherein said interface component is configured to receive a service response message from said at least one tag service provider; and a user interface is provided configured to output information included in said service response message.
- 9. System for mediating networked services, comprising:
   at least one portable, electronic terminal, comprising:
   a subscriber identification associated with a plurality of subscribed services;

a radio frequency identification tag reader configured to receive a tag identification sequence for a radio frequency identification tag associated with a plurality of tag services;

a generating component configured to generate a service request message in accordance with said tag identification sequence and said subscriber information; wherein said service request message comprises said tag identification sequence and said subscriber information;

an interface component configured to transmit said service request message to a mediating service provider for establishing a connection to at least one tag service provider for operating one or more subscribed services that correspond to one or more services associated with said plurality of tag services; and

a network serving device constituting said mediating service provider, comprising:

an interface component configured to receive said service request message from said

portable, electronic terminal, wherein said service request message comprises said tag

identification sequence and said subscriber information; and

- a selection component configured to select one or more services in accordance with said tag identification sequence and said subscriber information, wherein
- said interface component is configured to establish said connection between said
   portable, electronic terminal and said at least one tag service provider associated with
   said one or more selected services for operating said one or more selected services.
- 10. Method for mediating networked services by a mediating service provider comprising:

receiving a service request message from a portable, electronic terminal, wherein said service request message comprises at least a tag identification sequence and a subscriber identification, wherein said tag identification sequence has been received from a radio frequency identification tag;

selecting one or more services in accordance with said tag identification sequence and said subscriber identification wherein said selecting comprises:

retrieving tag service information about a plurality of tag services associated with said tag identification sequence;

retrieving user subscription information about a plurality of subscribed services associated with said subscriber identification; and

comparing said tag service information with said user subscription information to select one or more of said plurality of subscribed services that correspond to services among said plurality of tag services in said retrieved tag service information; and

establishing a connection between said portable, electronic terminal and at least one tag service provider associated with said one or more selected services for operating said one or more selected services.

#### 12. Method according to claim 10, wherein

said retrieving service information comprises accessing a service data storage; wherein said service data storage comprises service information which is associated with at least one tag identification sequence for retrieval; and wherein

said retrieving subscription information comprises accessing a subscription data storage, wherein said subscription data storage comprises subscription information which is associated with at least one subscriber identification for retrieval.

- 13. Method according to claim 10, wherein said subscription information comprises classification information which relates to at least one class of services.
- 14. Method according to claim 10, wherein said establishing comprises:
  transmitting an initiation request to said at least one tag service provider.
- 15. Method for accessing networked services by a portable, electronic terminal, comprising:

  retrieving at least a tag identification sequence from a radio frequency identification tag

  by a radio frequency identification tag reader connected to said portable, electronic

  terminal;

generating a service request message in accordance with said tag identification sequence and subscriber information, wherein said service request message comprises said tag identification sequence and said subscriber information; and

transmitting said service request message to a mediating service provider in order to establish a connection to at least one tag service provider for operating one or more services in accordance with said tag identification sequence and said subscriber identification wherein said subscriber information is pre-defined by a user of said portable, electronic terminal as including a plurality of subscribed services, wherein said tag identification sequence is associated with a plurality of tag services, and wherein said one

or more of said plurality of tag services correspond to one or more of said subscribed services.

- 16. Method according to claim 15, wherein said retrieving further comprises receiving communication related data from said radio frequency identification tag by said radio frequency identification tag reader, wherein said service request message is generated and transmitted in accordance with said communication related data.
- 17. Method according to claim 15, comprising:
  receiving a service response message from said at least one tag service provider; and displaying information comprised by said service response message to a user.
- 18. Method for mediating networked services by a mediating service provider to a portable, electronic terminal, comprising

receiving at least a tag identification sequence from a radio frequency identification tag
by a radio frequency identification tag reader connected to said portable, electronic
terminal;

generating a service request message in accordance with said tag identification sequence and subscriber information;

transmitting said service request message from said portable, electronic terminal to a mediating service provider;

receiving said service request message from said portable, electronic terminal by said mediating service provider;

selecting one or more services in accordance with said tag identification sequence and said subscriber information wherein said subscriber information is pre-defined by a user of said portable, electronic terminal as including a plurality of subscribed services, wherein said tag identification sequence is associated with a plurality of tag services, and wherein said one or more of said plurality of tag services correspond to one or more of said subscribed services; and

establishing a connection by said mediating service provider between said portable, electronic terminal and at least one tag service provider associated with said one or more selected services for operating with said one or more selected services.

- 20. A non-transitory computer readable medium stored with program code which when executed by a processor of a device comprising said non-transitory computer readable medium, causes said device to carry out the method of claim 10.
- 21. A non-transitory computer readable medium stored with program code sections which when executed by a processor of a device comprising said non-transitory computer readable medium, causes said device to perform the method of claim 18.
- 23. Portable, electronic terminal according to claim 7, wherein said interface component is configured to receive a service response message from said

a user interface is provided configured to output information included in said service response message.

at least one tag service provider; and

## 24. Method according to claim 16, comprising:

receiving a service response message from said at least one tag service provider; and displaying information comprised by said service response message to a user.

# **EVIDENCE APPENDIX**

None.

# RELATED PROCEEDINGS APPENDIX

None.